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**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	ATTORNEY'S DOCKET NUMBER
PCT/US04/41921	10 December 2004	59849(47992)

PRIORITY DATE CLAIMED	
12 December 2003	

TITLE OF INVENTION		
HUMAN CYTOTOXIC T-LYMPHOCTYE EPITOPE AND ITS AGONIST EPITOPE FROM THE NON-VARIABLE NUMBER OF TANDEM REPEAT SEQUENCE OF MUC-1		

APPLICANT(S) FOR DO/EO/US		
Jeffrey Schlom et al.		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application Data Sheet under 37 CFR 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

AP20 Rec'd PCT/PTO 12 JUN 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

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U. S. APPLICATION NO. (if known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.
PCT/US04/41921

ATTORNEY'S DOCKET NUMBER
59849(47992)

20. Other items or information: Return Receipt Postcard; copy of published PCT Application No. WO 2005/058937 A2.

The following fees have been submitted				CALCULATIONS	PTO USEONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....				\$ 300	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....				\$ 0	
All other situations				\$ 200	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				\$ 0	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....				\$ 100	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....				\$ 400	
All other situations.....				\$ 500	
TOTAL OF 21, 22 and 23 =				\$ 600.00	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
120 - 100 =	20 /50 =	1	x \$250.00	\$ 250.00	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	78 - 20 =	58	x 50.00	2,900.00	
Independent claims	17 - 3 =	14	x	2,800.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+	
TOTAL OF ABOVE CALCULATIONS =				\$ 6,680.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.					
SUBTOTAL =				\$ 6,680.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(j)).				\$	
TOTAL NATIONAL FEE =				\$ 6,680.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
				\$	
TOTAL FEES ENCLOSED =				\$ 6,680.00	
				Amount to be refunded:	\$
				Amount to be charged	\$

10/582702
AP20 Rec'd PCT/PTO 12 JUN 2006

PTO-1390 (Rev. 07-2005)

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U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

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- a. A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. 04-1105 in the amount of \$ 6,680.00 to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1105. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Peter F. Corless
EDWARDS ANGELL PALMER & DODGE LLP
P.O. Box 55874
Boston, Massachusetts 02205
(617) 439-4444


SIGNATURE

Peter F. Corless

NAME

CUSTOMER NUMBER: 46037

33,860

REGISTRATION NUMBER

10/582702

10/582702 12 JUN 2006

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 59849(47992)

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV755071371US in an envelope addressed to:

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on June 12, 2006
Date

Susan M Dillon

Signature

Susan M. Dillon
Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (3 pages)

16172006

Transmittal to US Designated-Elected Office

FEE SUMMARY SHEET

Transmittal to US Designated-Elected Office

Date: June 12, 2006
Time: 4:47 PM
Docket: 59849(47992)

Filing Date: Concurrently Herewith
Application No: Not Yet Assigned
Total Fee: \$ 980.00

Code	Amount	37 CFR	Fee Description	Listed on
1631	300.00	1.492(a)	Basic National Stage fee	Transmittal to US Designated-Elected Office (PTO 1390)
1633	200.00	1.492(c)(2)	National Stage Examination Fee - all other situations	Transmittal to US Designated-Elected Office (PTO 1390)
1641	100.00	1.492(b)(2)	National Stage Search Fee - U.S. was the ISA	Transmittal to US Designated-Elected Office (PTO 1390)
1681	250.00	1.492(j)	National Stage application size fee - for each additional 50 sheets that exceeds 100 sheets	Transmittal to US Designated-Elected Office (PTO 1390)
1617	130.00	1.492(h)	Search fee, examination fee or oath or declaration after thirty months from priority date	Transmittal to US Designated-Elected Office (PTO 1390)
1202	2900.00	1.16(i)	58 additional claims over 20	Transmittal to US Designated-Elected Office (PTO 1390)
1201	2,800.00	1.16(j)	14 additional independent claims over 3	Transmittal to US Designated-Elected Office (PTO 1390)